AGRICHEMICAL HANDLING FACILITY NRCS-NJ DATA SHEET

Landowner: _____ **Date:** _____

County: _____ **Twp:** _____ **Completed By:** _____

The purpose of a permanent, impervious surface in an agrichemical handling facility is to provide containment and isolation of spillage from on-farm agrichemical mixing, loading, unloading, and rinsing operations. See Technical Guide Section IV Interim Standard 702 for complete requirements.

PLANNING ELEMENTS

Largest sprayer tank size:[1] _____ Gallon

Liquid storage tanks on pad: Qty ___ ☐ Fert ☐ Pest ☐ Horz ☐ Vert Diam= _____ L = _____

Qty ___ ☐ Fert ☐ Pest ☐ Horz ☐ Vert Diam= _____ L = _____

Qty ___ ☐ Fert ☐ Pest ☐ Horz ☐ Vert Diam= _____ L = _____

Will spray rig be rinsed & cleaned on the pad? ☐ Yes ☐ No

Largest spray rig as it will be used on the pad.[2] L = _____ W = _____ H = _____

Existing Rinsate Tanks available: ☐ Fert ☐ Pest ☐ Horz ☐ Vert Diam= _____ L = _____

See footnote[3] ☐ Fert ☐ Pest ☐ Horz ☐ Vert Diam= _____ L = _____

Will AHF have a roof to exclude rain? If yes, estimate span. ☐ Yes _____ ☐ No

If yes, will roof structure have walls to exclude rain? ☐ Yes ☐ No

If yes, will owner obtain roof design by others? ☐ Yes ☐ No

Dry chemical storage space required, ie, pallets? ☐ Yes ☐ No

If yes, estimate quantity and size required _____

Winter (heated) storage space required? ☐ Yes ☐ No

If yes, estimate size required. L = _____ W = _____

Is Access Road required? If yes, estimate length. ☐ Yes _____ ☐ No

Is hydrant needed close to pad? If yes, estimate pipe size and length. ☐ Yes _____ ☐ No

Is water storage tank needed next to pad? If yes, estimate size. ☐ Yes _____ ☐ No

Diversion required around facility? If yes, estimate length. ☐ Yes _____ ☐ No

Largest axle load of tractor, spray equipment, or forklift. See Reverse. _____ lbs

[1] Containment volume to be 125% of largest sprayer/storage tank or volume of 2-year storm.

[2] If rinsing on the pad, measure width of rig with booms down. If not rinsing, assume booms are retracted.

[3] Temporary storage for 100% of largest tank or 25% of containment volume is needed in event of spill.

RECOMMENDED OFFSET DISTANCES	
Property lines and building structures	50 feet
Areas of human use or occupancy	100 feet
Environmentally sensitive areas	100 feet
Seasonal high groundwater level	2 feet

AHF SITING CONSIDERATIONS
Distance to water source, target fields, and storage areas.
Prevailing wind direction. Minimize windblown rain.
Visual impact to residences or public roadways.
Architecture of surrounding structures, roof pitches, etc.
Availability of emergency services (shower, eye wash, telephone, etc)
Ventilation & fire safety. Local construction code official may required a list of stored chemicals with flash points.

OPERATION & MAINTENANCE
Proper disposal or use of rinsate, washwater, accumulated sediment, and spillage wastewater.
Stormwater handling. How to deal with “clean” water on pad.
Inspection of hoses, piping, pump, and backflow prevention devices.
Inspection of the pad and sump for cracks and leaks.
Winterization of the facility.
Emergency response in case of spill, exposure, fire, etc.
Posting of warning signs.
Other requirements as per state or local regulations.

EQUIPMENT LOADS		
Axle Load	_____	Kips
Single or dual wheel axle?	□ Single	□ Dual
Spacing between wheels on loaded axle	_____	inches
Pneumatic or solid tires?	□ Pneumatic	□ Solid
Pneumatic tire inflation pressure:	_____	psi
Solid tire width.		inches